YNK-DBR No. 72
Date. 14.08.2020

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

AEE/YNK SUB. DN
SBR No: 17/20-21
Date: 6/8/2020

No: First & Final Bill

Division : EE (Yelahanka Division - Yelahanka Zone)

Sub division: Yelahanka Sub-Division

Bill Received No. ..... Dated: ..... Cash Book Voucher No. ..... Dated .....

Scheduled Docted No.

Name of Work (as per sanctioned estimate): Construction of CC Drains and Development works in ward 01 & 02 of Yelahanka Sub-Division (Package No.1)

Reference to Agreement No.: BBMP/EE/YNK.D/E-PMT-02/AG/224/2019-20, Date: 19.03.2020.

Work Order No: BBMP/EE/YNK.D/WO/28/2019-20, Date: 07.05.2020.

Job Code: 001-19-000046

Budget Head: P3158 SIP Infrastructure Project Works

Estimate cost : Rs.600 Lakhs

Name of Contractor and Full Address: Srl. R. Satheesh
(M/s.Sathya Constructions)
No.600, Down Bazaar Road, Yelahanka, Bangalore-560064

Certified that the measurement were taken by me on 4/8/2020 and recorded of Pages: 466427 to 466439.

of measurement Book No 4665. and that the work is satisfactorily executed.

R. [signature]

Executive AE 45-01 [signature] AE-02

Contractor: Srl. R. Satheesh (M/s.Sathya Constructions)

Officer-In-Charge of work

Certified that the measurements were taken by me on 04/08/2020 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in contractor with item for finished work have been agreed upon A normal agreement signed by the contractor to recorded in the office.

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs. .....
3) Deduct amount to be held in Balance
4) Deduct Payments:
   a) Amount of previous payment as in the office Cash Book Voucher No - Dated - S.D No -
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
      Now made recovery of amount creditable to this/other work
      Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No. .....
   dated– - ... less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) with
   Value of Government materials supplied

Sub Divisional Engineer
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Gross Amt	=Rs 61857081=00
FSD	=Rs ——
CGST	= Rs 552295=00
SGST	= Rs 552295=00
IT	= Rs 618570=00
LC	= Rs 618570=00
CBF	= Rs 61857=00
Royalty	= Rs 737072=00
I. D.	= Rs 3140659=00
Net Amt	=Rs 58716422=00

Contractor's Signature

(For use in the Office)

Received Rs. ..... (in words)

by cash and by adjustment of Payment as per memorandum.

Witnesses:
1
2

Stamp

Dated ..... Signature of Contractor

Paid by me by cheque No. ..... dated .....

Cash Rs. .....

Initials of Officer making payment

Audited & Admitted for Rs. 61857081=00
Six Crore Eighteen Lakh Fifty Seven thousand eighty one only.
58716422/—
dated ..... by Cheque
and Rs. 3140659/— by adjusement

Executive Engineer

Accts Supdt
yelahanka Division
BBMP

Exe. Engineer
yelahanka Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of CC drains and Development works in ward no 01 & 02

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum	4450.33	226.04	1,005,952.59	-	-	4449.40	226.04	1,005,742.38	4,449.40	1,005,742.38
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)	Cum	686.63	5780.92	3,969,353.10	-	-	686.58	5780.92	3,969,068.39	686.58	3,969,068.39
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (P.No.14, I.No.4.11 of PW, P&IWTD S.R 2018-19)	Cum	1484.59	6298.47	9,350,645.58	-	-	1484.57	6298.47	9,350,535.35	1,484.57	9,350,535.35

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of CC drains and Development works in ward no 01 & 02

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
4	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 (I No-28.8.2,P No-229) PWD SR 2018-19	Tn	39.04	75943.33	2,964,827.60	-	-	39.04	75943.33	2,964,753.05	39.04	2,964,753.05
5	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tn	52.30	77691.85	4,063,283.76			52.30	77691.85	4,063,230.57	52.30	4,063,230.57
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (I No-4.31,P No-15)	Sqm	11471.40	398.45	4,570,779.33	-	-	11467.38	398.45	4,569,177.56	11,467.38	4,569,177.56
7	Providing 10 cm thick precast slab made of M20 including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge- Data rate	sqm	3749.55	2453.85	9,200,833.27	-	-	3749.22	2453.85	9,200,023.50	3,749.22	9,200,023.50

BRUHAT BANGALORE

Name of Work: Construction of CC drains and Development works in ward no 01 & 02

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
8	Providing 250 mm thick precast slab made of M25 including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge- Data rate	sqm	271.60	5688.90	1,545,105.24	-	-	271.50	5688.90	1,544,536.35	271.50	1,544,536.35
9	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (Page No143., I.No.19.14 of KPWD S.R 2018-19).	Cum	3501.50	67.14	235,090.71	-	-	3482.69	67.14	233,827.94	3,482.69	233,827.94
10	KSRRB 300-35: compaction of original ground by mechanical means including filling in depression occurring curing roling inciuding cost of all labour, HOM of machinery complete as per specificatation. Morth chapter 3, (P.No. 147, I.No.19.64 of PwD, P&IWTD S.R.2018-29)	sqm	8474.70	6.68	56,611.00	-	-	8097.86	6.68	54,093.70	8,097.86	54,093.70
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No 153., I.No.20.5 of KPWD S.R 2018-19).	Cum	1538.89	2094.67	3,223,466.72	-	-	1537.70	2094.67	3,220,976.15	1,537.70	3,220,976.15

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of CC drains and Development works in ward no 01 & 02

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
12	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications. MORTH / Chapter 3 (P.No.146 I.No.19.52) KPWD SR 2018-19	Sqm	2981.00	43.41	129,405.21	-	-	2979.05	43.41	129,320.56	2,979.05	129,320.56
13	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18) KPWD SR 2018-19	Cum	2224.31	2101.34	4,674,031.58	-	-	2223.08	2101.34	4,671,452.18	2,223.08	4,671,452.18
14	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 (P.No-158, I.No-21.6)	Sqm	13220.20	31.16	411,941.43	-	-	13135.50	31.16	409,302.18	13,135.50	409,302.18
15	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 (P.No-158, I.No-21.7)	Sqm	14648.20	13.36	195,699.95	-	-	14269.06	13.36	190,634.64	14,269.06	190,634.64

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of CC drains and Development works in ward no 01 & 02

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160, I.No-21.17.6)	Cum	711.89	7201.11	5,126,398.20	-	-	711.78	7201.11	5,125,619.04	711.78	5,125,619.04
17	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen (P.No-162, I.No-21.22.6)	Cum	510.10	8307.43	4,237,620.04	-	-	509.70	8307.43	4,234,262.18	509.70	4,234,262.18

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of CC drains and Development works in ward no 01 & 02

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
18	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No.182 & I.No.24.15) KPWD SR 2018-19	sqm	201.85	609.75	123,078.04	-	-	200.98	609.75	122,544.51	200.98	122,544.51
19	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No-182, I.No-24.15) SR-2018-19	sqm	358.25	477.48	171,057.21			356.95	477.48	170,436.49	356.95	170,436.49
	Total				**55,255,180.55**					**55,229,536.72**		**55,229,536.72**
	GST 12%				**6,630,621.67**					**6,627,544.41**		**6,627,544.41**
	Grand total				**61,885,802.21**					**61,857,081.13**		**61,857,081.13**

CERTIFICATE

1 Certified that the work done is satisfactorily.

Contractor

W-01 Assistant Engineer

AE-02

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer